

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (currently amended). A digital JPEG2000 file comprising:

- (a) ~~said JPEG2000 file containing~~ a plurality of boxes containing data arranged in a manner consistent with the JPEG2000 specification and suitable to render an image;
- (b) at least one of said boxes being a metadata box; and
- (c) including information within said metadata box describing the content of said image.

2 (currently amended). The digital JPEG2000 file of claim 1 wherein said information is in XML format.

3 (currently amended). The digital JPEG2000 file of claim 1 wherein said digital JPEG2000 file is compliant with the JPEG2000 standard.

4 (currently amended). The digital JPEG2000 file of claim 1 wherein said information provides interactivity with said image.

5 (currently amended). The digital JPEG2000 file of claim 4 wherein said interactivity includes providing a bounding region of a portion of said image.

6 (currently amended). The digital JPEG2000 file of claim 5 wherein said bounding region is rectangular.

7 (currently amended). The digital JPEG2000 file of claim 5 wherein additional information regarding said content is associated with said bounding region of said image.

8 (currently amended). The digital JPEG2000 file of claim 1 wherein said information includes links to information external to said digital JPEG2000 file.

9 (currently amended). The digital JPEG2000 file of claim 1 wherein said information includes voice annotation.

10 (currently amended). The digital JPEG2000 file of claim 1 wherein said information includes object boundary information.

11 (currently amended). The digital JPEG2000 file of claim 1 wherein said information includes textual information regarding the content of said image free from copyright information.

12 (currently amended). The digital JPEG2000 file of claim 1 wherein said information is MPEG-7 data.

13 (currently amended). The digital JPEG2000 file of claim 12 wherein said MPEG-7 data is compliant with the MPEG-7 specification.

14 (currently amended). The digital JPEG2000 file of claim 12 wherein said information includes binary data.

15 (currently amended). A digital JPEG2000 file comprising:

- (a) ~~said JPEG2000 file containing~~ a plurality of boxes containing data arranged in a manner consistent with the JPEG2000 specification and suitable to render an image;
- (b) at least one of said boxes being a UUID box; and
- (c) including information within said UUID box describing the content of said image.

16 (currently amended). The digital JPEG2000 file of claim 15 wherein said information is in XML format.

17 (currently amended). The digital JPEG2000 file of claim 15 wherein said digital JPEG2000 file is compliant with the JPEG2000 standard.

18 (currently amended). The digital JPEG2000 file of claim 15 wherein said information provides interactivity with said image.

19 (currently amended). The digital JPEG2000 file of claim 18 wherein said interactivity includes providing a bounding region of a portion of said image.

20 (currently amended). The digital JPEG2000 file of claim 19 wherein said bounding region is rectangular.

21 (currently amended). The digital JPEG2000 file of claim 19 wherein additional information regarding said content is associated with said bounding region of said image.

22 (currently amended). The digital JPEG2000 file of claim 15 wherein said information includes links to information external to said digital JPEG2000 file.

23 (currently amended). The digital JPEG2000 file of claim 15 wherein said information includes voice annotation.

24 (currently amended). The digital JPEG2000 file of claim 15 wherein said information includes object boundary information.

25 (currently amended). The digital JPEG2000 file of claim 15 wherein said information includes textual information regarding the content of said image free from copyright information.

26 (currently amended). The digital JPEG2000 file of claim 15 wherein said information is MPEG-7 data.

27 (currently amended). The digital JPEG2000 file of claim 26 wherein said MPEG-7 data is compliant with the MPEG-7 specification.

28 (currently amended). The digital JPEG2000 file of claim 26 wherein said information includes binary data.

29 (currently amended). A digital JPEG2000 file comprising:

- (a) ~~said JPEG2000 file being compliant with the JPEG2000 specification and~~
~~containing~~ a plurality of boxes containing data arranged in a manner
consistent with the JPEG2000 specification and suitable to render an image;
and
- (b) at least one of said boxes containing ~~MPEG-7~~ MPEG-7 compliant
description schemes.

30 (currently amended). The digital JPEG2000 file of claim 29 further including
information within at least one of a metadata box and a UUID box describing the content of said
image wherein said information is in XML format.

31 (currently amended). The digital JPEG2000 file of claim 29 wherein said digital
~~JPEG2000~~ file includes a metadata box.

32 (currently amended). The digital JPEG2000 file of claim 30 wherein said information
provides interactivity with said image.

33 (currently amended). The digital JPEG2000 file of claim 32 wherein said interactivity
includes providing a bounding region of a portion of said image.

34 (currently amended). The digital JPEG2000 file of claim 33 wherein said bounding
region is rectangular.

35 (currently amended). The digital JPEG2000 file of claim 33 wherein additional
information regarding said content is associated with said bounding region of said image.

36 (currently amended). The digital JPEG2000 file of claim 30 wherein said information
includes links to information external to said digital JPEG2000 file.

37 (currently amended). The digital JPEG2000 file of claim 30 wherein said information
includes voice annotation.

38 (currently amended). The digital JPEG2000 file of claim 30 wherein said information includes object boundary information.

39 (currently amended). The digital JPEG2000 file of claim 30 wherein said information includes textual information regarding the content of said image free from copyright information.

40 (currently amended). The digital JPEG2000 file of claim 29 wherein said MPEG-7 compliant description scheme includes binary data.

41 (currently amended). A digital file MPEG-7 description scheme comprising:

- (a) a MPEG-7 description scheme that includes the identification of the format of at least one of audio and visual media;
- (b) said description scheme including data for rendering said at least one of said audio and visual media; and
- (c) said at least one of said audio and visual media being contained within said description scheme.

42 (currently amended). The digital file MPEG-7 description scheme of claim 41 wherein said description scheme is InlineMedia.

43 (currently amended). The digital file MPEG-7 description scheme of claim 41 wherein said description scheme includes a choice of two different encoding schemes for data, namely, base16 and base64.

44 (currently amended). The digital file MPEG-7 description scheme of claim 43 wherein said base16 is part of an element name MediaData16.

45 (currently amended). The digital file MPEG-7 description scheme of claim 43 wherein said base64 is part of an element name MediaData64.

46 (currently amended). The digital file MPEG-7 description scheme of claim 41 wherein said data is binary.

47 (currently amended). A digital JPEG2000 file comprising:

- (a) ~~said JPEG2000 file containing~~ a plurality of boxes containing data arranged in a manner consistent with the JPEG2000 specification and suitable to render an image;
- (b) at least one of said boxes being at least one of a metadata box and a UUID box; and
- (c) including information within said at least one of said metadata box and said UUID box indicating the location of binary data, within said ~~JPEG2000~~ file and not within said at least one of said metadata box and said UUID box, associated with said image.

48 (currently amended). The digital JPEG2000 file of claim 47 wherein said information is in XML format.

49 (currently amended). The digital JPEG2000 file of claim 47 wherein said digital JPEG2000 file is compliant with the JPEG2000 standard.

50 (currently amended). The digital JPEG2000 file of claim 47 wherein said information provides interactivity with said image.

51 (currently amended). The digital JPEG2000 file of claim 50 wherein said interactivity includes providing a bounding region of a portion of said image.

52 (currently amended). The digital JPEG2000 file of claim 51 wherein said bounding region is rectangular.

53 (currently amended). The digital JPEG2000 file of claim 51 wherein additional information regarding said ~~content image~~ image is associated with said bounding region of said image.

54 (currently amended). The digital JPEG2000 file of claim 47 wherein said information includes links to information external to said digital JPEG2000 file.

55 (currently amended). The digital JPEG2000 file of claim 47 wherein said binary data includes voice annotation.

56 (currently amended). The digital JPEG2000 file of claim 47 wherein said binary data includes object boundary information.

57 (currently amended). The digital JPEG2000 file of claim 47 wherein said information includes textual information regarding the content of said image free from copyright information.

58 (currently amended). The digital JPEG2000 file of claim 47 wherein said information is MPEG-7 data.

59 (currently amended). The digital JPEG2000 file of claim 58 wherein said MPEG-7 data is compliant with the MPEG-7 specification.